RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/528,542_
Source: _PU_
Date Processed by STIC: _3/16/06_

ENTERED

RAW SEQUENCE LISTING   DATE: 03/16/2006
PATENT APPLICATION: US/10/528,542   TIME: 11:49:57

Input Set : **A:\70826-01 seq list.txt**
Output Set: **N:\CRF4\03162006\J528542.raw**

```
  3 <110> APPLICANT: MCGILL UNIVERSITY
  4        GAGNON, Martin
  5        SARAGOVI, H. Uri
  7 <120> TITLE OF INVENTION: LIGANDS OF GANGLIOSIDE GD2 AND USES THEREOF
  9 <130> FILE REFERENCE: 4810-70826-01
 11 <140> CURRENT APPLICATION NUMBER: US 10/528,542
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C--> `12 <141> CURRENT FILING DATE: 2005-03-21`
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 14 <150> PRIOR APPLICATION NUMBER: US 60/412,492
 15 <151> PRIOR FILING DATE: 2002-09-20
 17 <160> NUMBER OF SEQ ID NOS: 23
 19 <170> SOFTWARE: PatentIn version 3.2
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 13
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Artificial
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 28 <223> OTHER INFORMATION: GD2 Ligand
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 32 <222> LOCATION: (1)..(1)
 33 <223> OTHER INFORMATION: Xaa = Absent or Tyr or an analogue thereof.
 35 <220> FEATURE:
 36 <221> NAME/KEY: MOD_RES
 37 <222> LOCATION: (1)..(1)
 38 <223> OTHER INFORMATION: The N-terminal group may be of the formula H2N-, RHN-, or,
RRN-,
 39        wherein R at each occurence is independently selected from (C1-C6)
 40        alkyl, (C1-C6) alkenyl, (C1-C6) alkynyl, substituted (C1-C6) alkyl,
 41        substituted (C1-C6) alkenyl, or substituted (C1-C6) alkynyl.
 43 <220> FEATURE:
 44 <221> NAME/KEY: MISC_FEATURE
 45 <222> LOCATION: (2)..(2)
 46 <223> OTHER INFORMATION: Xaa = Absent or Cys or an analogue thereof.
 48 <220> FEATURE:
 49 <221> NAME/KEY: MISC_FEATURE
 50 <222> LOCATION: (3)..(3)
 51 <223> OTHER INFORMATION: Xaa = Gly or Tyr or an analogue thereof.
 53 <220> FEATURE:
 54 <221> NAME/KEY: MISC_FEATURE
 55 <222> LOCATION: (4)..(4)
 56 <223> OTHER INFORMATION: Xaa = Gly or Cys or Tyr or an analogue thereof.
 58 <220> FEATURE:
 59 <221> NAME/KEY: MISC_FEATURE
 60 <222> LOCATION: (5)..(5)
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                Input Set : A:\70826-01 seq list.txt
                Output Set: N:\CRF4\03162006\J528542.raw

 61 <223> OTHER INFORMATION: Xaa = Ile or Cys or an analogue thereof.
 63 <220> FEATURE:
 64 <221> NAME/KEY: MISC_FEATURE
 65 <222> LOCATION: (6)..(6)
 66 <223> OTHER INFORMATION: Xaa = Thr or Ala or an analogue thereof.
 68 <220> FEATURE:
 69 <221> NAME/KEY: MISC_FEATURE
 70 <222> LOCATION: (7)..(7)
 71 <223> OTHER INFORMATION: Xaa = Asn or an analogue thereof.
 73 <220> FEATURE:
 74 <221> NAME/KEY: MISC_FEATURE
 75 <222> LOCATION: (8)..(8)
 76 <223> OTHER INFORMATION: Xaa = Tyr or an analogue thereof.
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 79 <221> NAME/KEY: MISC_FEATURE
 80 <222> LOCATION: (9)..(9)
 81 <223> OTHER INFORMATION: Xaa = Asn or Gly or an analogue thereof.
 83 <220> FEATURE:
 84 <221> NAME/KEY: MISC_FEATURE
 85 <222> LOCATION: (10)..(10)
 86 <223> OTHER INFORMATION: Xaa = Ser or Cys or Val or Thr or an analogue thereof.
 88 <220> FEATURE:
 89 <221> NAME/KEY: MISC_FEATURE
 90 <222> LOCATION: (11)..(11)
 91 <223> OTHER INFORMATION: Xaa = Ala or Cys or Tyr or His or Ser or an analogue thereof.
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 95 <222> LOCATION: (12)..(12)
 96 <223> OTHER INFORMATION: Xaa = absent or Leu or Cys or Tyr or an analogue thereof.
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 99 <221> NAME/KEY: MISC_FEATURE
100 <222> LOCATION: (13)..(13)
101 <223> OTHER INFORMATION: Xaa = absent or Met or Tyr or an analogue thereof.
103 <220> FEATURE:
104 <221> NAME/KEY: MOD_RES
105 <222> LOCATION: (13)..(13)
106 <223> OTHER INFORMATION: C-terminal grp is of the formula -C(O)OH, -C(O)R, -C(O)OR,
107   -C(O)NHR, -C(O)NRR; wherein each R is independently selected from
108   (C1-C6) alkyl, (C1-C6) alkenyl, (C1-C6) alkynyl, substituted (C1-C6)
109   alkyl, substituted (C1-C6) alkenyl, or substituted (C1-C6) alkynyl.
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113 1   5   10
116 <210> SEQ ID NO: 2
117 <211> LENGTH: 13
118 <212> TYPE: PRT
119 <213> ORGANISM: Artificial
121 <220> FEATURE:
122 <223> OTHER INFORMATION: GD2 Ligand

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126 <222> LOCATION: (1)..(1)
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129 <220> FEATURE:
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137 <223> OTHER INFORMATION: Xaa = Gly or Tyr or an analogue thereof.
139 <220> FEATURE:
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141 <222> LOCATION: (4)..(4)
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144 <220> FEATURE:
145 <221> NAME/KEY: MISC_FEATURE
146 <222> LOCATION: (5)..(5)
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149 <220> FEATURE:
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151 <222> LOCATION: (6)..(6)
152 <223> OTHER INFORMATION: Xaa = Thr or Ala or an analogue thereof.
154 <220> FEATURE:
155 <221> NAME/KEY: MISC_FEATURE
156 <222> LOCATION: (7)..(7)
157 <223> OTHER INFORMATION: Xaa = Asn or an analogue thereof.
159 <220> FEATURE:
160 <221> NAME/KEY: MISC_FEATURE
161 <222> LOCATION: (8)..(8)
162 <223> OTHER INFORMATION: Xaa = Tyr or an analogue thereof.
164 <220> FEATURE:
165 <221> NAME/KEY: MISC_FEATURE
166 <222> LOCATION: (9)..(9)
167 <223> OTHER INFORMATION: Xaa = Asn or Gly or an analogue thereof.
169 <220> FEATURE:
170 <221> NAME/KEY: MISC_FEATURE
171 <222> LOCATION: (10)..(10)
172 <223> OTHER INFORMATION: Xaa = Ser or Cys or Val or Thr or an analogue thereof.
174 <220> FEATURE:
175 <221> NAME/KEY: MISC_FEATURE
176 <222> LOCATION: (11)..(11)
177 <223> OTHER INFORMATION: Xaa = Ala or Cys or Tyr or His or Ser or an analogue
thereof.
179 <220> FEATURE:
180 <221> NAME/KEY: MISC_FEATURE
181 <222> LOCATION: (12)..(12)
182 <223> OTHER INFORMATION: Xaa = Absent or Leu or Cys or Tyr or an analogue thereof.
184 <220> FEATURE:
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      186 <222> LOCATION: (13)..(13)
      187 <223> OTHER INFORMATION: Xaa = Absent or Met or Tyr or an analogue thereof.
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      197 <213> ORGANISM: Artificial
      199 <220> FEATURE:
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      208 <211> LENGTH: 13
      209 <212> TYPE: PRT
      210 <213> ORGANISM: Artificial
      212 <220> FEATURE:
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      230 1               5                   10
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      238 <220> FEATURE:
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      243 1               5                   10
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      247 <211> LENGTH: 10
      248 <212> TYPE: PRT
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260 <211> LENGTH: 9
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269 1               5
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273 <211> LENGTH: 9
274 <212> TYPE: PRT
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286 <211> LENGTH: 11
287 <212> TYPE: PRT
288 <213> ORGANISM: Artificial
290 <220> FEATURE:
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316 <220> FEATURE:
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320 Tyr Cys Ile Ala Asn Tyr Asn Thr Cys Tyr
321 1               5                   10
324 <210> SEQ ID NO: 13
325 <211> LENGTH: 5
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 03/16/2006
PATENT APPLICATION: **US/10/528,542**   TIME: 11:49:58

Input Set : **A:\70826-01 seq list.txt**
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<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13
Seq#:2; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13

<u>Invalid <213> Response:</u>
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22

VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/528,542**

DATE: 03/16/2006
TIME: 11:49:58

Input Set : **A:\70826-01 seq list.txt**
Output Set: **N:\CRF4\03162006\J528542.raw**

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0